

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-033650
 (43)Date of publication of application : 03.02.1995

(51)Int.Cl. A61K 31/07
 A61K 31/07
 A61J 1/05
 A61K 9/08

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(54) AQUEOUS EYE DROP SOLUBILIZING VITAMIN AS

(57)Abstract:

PURPOSE: To obtain the aqueous eye drop, filled in a container made of polyethylene terephthalate having high light shielding properties without causing the migration of vitamin As in the content liquid and practically stable even by use thereof for a long period.

CONSTITUTION: This aqueous eye drop is obtained by filling an aqueous solution containing 0.003–0.1wt.%, preferably 0.01–0.5wt.% vitamin As and 0.01–1.0wt.%, preferably 0.05–0.2wt.% nonionic surfactant (e.g. a higher fatty acid ester or a sucrose ester of a fatty acid) in a container, made of polyethylene terephthalate, containing a pigment or pigments and U-polymer (R) (an amorphous polyarylate composed of an aromatic dicarboxylic acid and a dihydric phenol) added thereto and capable of shielding light at $\leq 380\text{nm}$ wavelength. The ingredients can be blended in the following amounts based on the polyethylene terephthalate: 0.1–10wt.% pigment and 1–20wt.% U-polymer(R). Vitamins As in the content liquid are further stabilized by using both in combination.

LEGAL STATUS

[Date of request for examination] 13.12.1999

[Date of sending the examiner's decision of rejection] 22.09.2004

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]